

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2015**

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	5,362,805	Customers/Gen/Tran	1,699,349	3,663,456
Substation & Transmission Lines	17,635,054	Transmission	0	17,635,054
Communication & Control Equipment	974,449	SCADA	10,432	964,017
System Operation & Load Dispatch	5,519,620	SCADA/Tran	54,288	5,465,332
Subtotal Western O&M	29,491,928		1,764,069	27,727,859
	100%		6.0%	94.0%
Western General Expenses	7,057,115	% of Subtotal	422,124	6,634,991
Bureau of Reclamation O&M	8,409,000	Generation	8,409,000	0
Purchase Power	3,100,000	Gen & Tran	1,000,000	2,100,000
Capitalized Movable Equipment	953,357	% of Subtotal	57,025	896,332
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,260,408)	Transmission	(3,854)	(2,256,554)
Bureau of Reclamation Replacements	1,442,000	Generation	1,442,000	0
Principal/Interest Payments - Reclamation	81,917	Generation	81,917	0
Principal/Interest Payments - Western	24,672,870	Transmission	0	24,672,870
Total Annual Gross Expenses	72,947,780		13,172,281	59,775,498
	100%		18.1%	81.9%
Other Revenues				
Transmission				
Nonfirm/Short-Term Firm (OASIS)	4,300,000	Transmission	0	4,300,000
Losses	4,300,000	Transmission	0	4,300,000
Nonfirm Energy				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
Ancillary Services				
Generation Supported (e.g. VAR Support, Reserves)	210,000	Generation	210,000	0
Transmission Supported (e.g. Scheduling Service)	0	Transmission	0	0
Miscellaneous				
Facilities Use Charges	1,000,000	Transmission	0	1,000,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	0	Generation	0	0
Transfers from Other Western Projects	270,001	Transmission	0	270,001
Total Annual Other Revenues	10,080,001		210,000	9,870,001
	100%		2.1%	97.9%
Expenses Less Other Revenues	62,867,778		12,962,281	49,905,496
Interest Credits	0		0	0
Carryover Application	(3,278,279)		(877,899)	(2,400,380)
Total Credits & Carryover	(3,278,279)		(877,899)	(2,400,380)
Revenue Requirement	59,589,499		12,084,382	47,505,116

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2015**

**Cost Allocation Factors & Rate Design Loads**

<b>SCADA Points</b>		
	Number	Percentage
Generation	91	1.071%
Transmission	8,409	98.929%
	8,500	100%

<b>Customers</b>		
	Count	Percentage
Transmission	56	60.87%
Generation	36	39.13%
	92	100%

<b>Rate Design Loads</b>		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	233,844	1,229,778
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	2,821,634	0
	3,092,781	1,425,045

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2016**

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	5,647,649	Customers/Gen/Tran	1,789,356	3,858,293
Substation & Transmission Lines	18,161,272	Transmission	0	18,161,272
Communication & Control Equipment	1,023,989	SCADA	10,963	1,013,026
System Operation & Load Dispatch	5,139,936	SCADA/Tran	49,977	5,089,959
Subtotal Western O&M	29,972,846		1,850,296	28,122,550
	100%		6.2%	93.8%
Western General Expenses	6,883,401	% of Subtotal	424,929	6,458,472
Bureau of Reclamation O&M	8,621,000	Generation	8,621,000	0
Purchase Power	3,100,000	Gen & Tran	1,000,000	2,100,000
Capitalized Movable Equipment	953,357	% of Subtotal	58,853	894,504
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,259,153)	Transmission	(3,702)	(2,255,451)
Bureau of Reclamation Replacements	1,500,000	Generation	1,500,000	0
Principal/Interest Payments - Reclamation	82,291	Generation	82,291	0
Principal/Interest Payments - Western	26,106,189	Transmission	0	26,106,189
Total Annual Gross Expenses	74,959,932		13,533,667	61,426,264
	100%		18.1%	81.9%
Other Revenues				
Transmission				
Nonfirm/Short-Term Firm (OASIS)	4,300,000	Transmission	0	4,300,000
Losses	4,300,000	Transmission	0	4,300,000
Nonfirm Energy				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
Ancillary Services				
Generation Supported (e.g. VAR Support, Reserves)	210,000	Generation	210,000	0
Transmission Supported (e.g. Scheduling Service)	0	Transmission	0	0
Miscellaneous				
Facilities Use Charges	1,000,000	Transmission	0	1,000,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	0	Generation	0	0
Transfers from Other Western Projects	264,131	Transmission	0	264,131
Total Annual Other Revenues	10,074,131		210,000	9,864,131
	100%		2.1%	97.9%
Expenses Less Other Revenues	64,885,801		13,323,667	51,562,133
Interest Credits	0		0	0
Carryover Application	(5,296,302)		(1,239,285)	(4,057,017)
Total Credits & Carryover	(5,296,302)		(1,239,285)	(4,057,017)
Revenue Requirement	59,589,499		12,084,382	47,505,116

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2016**

**Cost Allocation Factors & Rate Design Loads**

<b>SCADA Points</b>		
	Number	Percentage
Generation	91	1.071%
Transmission	8,409	98.929%
	8,500	100%

<b>Customers</b>		
	Count	Percentage
Transmission	56	60.87%
Generation	36	39.13%
	92	100%

<b>Rate Design Loads</b>		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	233,844	1,229,778
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	2,821,634	0
	3,092,781	1,425,045

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2017**

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	5,799,569	Customers/Gen/Tran	1,837,490	3,962,079
Substation & Transmission Lines	18,649,811	Transmission	0	18,649,811
Communication & Control Equipment	1,051,534	SCADA	11,258	1,040,276
System Operation & Load Dispatch	5,273,065	SCADA/Tran	51,266	5,221,799
Subtotal Western O&M	30,773,979		1,900,014	28,873,965
	100%		6.2%	93.8%
Western General Expenses	7,034,868	% of Subtotal	434,339	6,600,529
Bureau of Reclamation O&M	8,618,500	Generation	8,618,500	0
Purchase Power	3,100,000	Gen & Tran	1,000,000	2,100,000
Capitalized Movable Equipment	953,357	% of Subtotal	58,862	894,495
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,253,309)	Transmission	(3,867)	(2,249,442)
Bureau of Reclamation Replacements	1,750,000	Generation	1,750,000	0
Principal/Interest Payments - Reclamation	82,721	Generation	82,721	0
Principal/Interest Payments - Western	27,195,261	Transmission	0	27,195,261
Total Annual Gross Expenses	77,255,377		13,840,569	63,414,807
	100%		17.9%	82.1%
Other Revenues				
Transmission				
Nonfirm/Short-Term Firm (OASIS)	4,300,000	Transmission	0	4,300,000
Losses	4,300,000	Transmission	0	4,300,000
Nonfirm Energy				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
Ancillary Services				
Generation Supported (e.g. VAR Support, Reserves)	210,000	Generation	210,000	0
Transmission Supported (e.g. Scheduling Service)	0	Transmission	0	0
Miscellaneous				
Facilities Use Charges	1,000,000	Transmission	0	1,000,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	0	Generation	0	0
Transfers from Other Western Projects	257,938	Transmission	0	257,938
Total Annual Other Revenues	10,067,938		210,000	9,857,938
	100%		2.1%	97.9%
Expenses Less Other Revenues	67,187,440		13,630,569	53,556,869
Interest Credits	0		0	0
Carryover Application	(7,655,541)		(1,546,188)	(6,109,353)
Total Credits & Carryover	(7,655,541)		(1,546,188)	(6,109,353)
Revenue Requirement	59,531,899		12,084,382	47,447,516

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2017**

**Cost Allocation Factors & Rate Design Loads**

<b>SCADA Points</b>		
	Number	Percentage
Generation	91	1.071%
Transmission	8,409	98.929%
	8,500	100%

<b>Customers</b>		
	Count	Percentage
Transmission	56	60.87%
Generation	36	39.13%
	92	100%

<b>Rate Design Loads</b>		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	233,844	1,229,778
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	2,817,884	0
	3,089,031	1,425,045

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2018**

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	5,955,576	Customers/Gen/Tran	1,886,915	4,068,661
Substation & Transmission Lines	19,151,491	Transmission	0	19,151,491
Communication & Control Equipment	1,079,820	SCADA	11,560	1,068,260
System Operation & Load Dispatch	5,414,911	SCADA/Tran	52,645	5,362,266
Subtotal Western O&M	31,601,798		1,951,120	29,650,678
	100%		6.2%	93.8%
Western General Expenses	7,190,409	% of Subtotal	443,942	6,746,467
Bureau of Reclamation O&M	8,779,500	Generation	8,779,500	0
Purchase Power	3,100,000	Gen & Tran	1,000,000	2,100,000
Capitalized Movable Equipment	953,357	% of Subtotal	58,862	894,495
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,278,803)	Transmission	(3,903)	(2,274,900)
Bureau of Reclamation Replacements	1,500,000	Generation	1,500,000	0
Principal/Interest Payments - Reclamation	83,235	Generation	83,235	0
Principal/Interest Payments - Western	27,627,346	Transmission	0	27,627,346
Total Annual Gross Expenses	78,556,843		13,812,756	64,744,086
	100%		17.6%	82.4%
<b>Other Revenues</b>				
Transmission				
Nonfirm/Short-Term Firm (OASIS)	4,300,000	Transmission	0	4,300,000
Losses	4,300,000	Transmission	0	4,300,000
Nonfirm Energy				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
Ancillary Services				
Generation Supported (e.g. VAR Support, Reserves)	210,000	Generation	210,000	0
Transmission Supported (e.g. Scheduling Service)	0	Transmission	0	0
Miscellaneous				
Facilities Use Charges	1,000,000	Transmission	0	1,000,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	0	Generation	0	0
Transfers from Other Western Projects	252,182	Transmission	0	252,182
Total Annual Other Revenues	10,062,182		210,000	9,852,182
	100%		2.1%	97.9%
Expenses Less Other Revenues	68,494,661		13,602,756	54,891,904
Interest Credits	0		0	0
Carryover Application	(9,135,562)		(1,518,374)	(7,617,188)
Total Credits & Carryover	(9,135,562)		(1,518,374)	(7,617,188)
Revenue Requirement	59,359,099		12,084,382	47,274,716

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2018**

**Cost Allocation Factors & Rate Design Loads**

<b>SCADA Points</b>		
	Number	Percentage
Generation	91	1.071%
Transmission	8,409	98.929%
	8,500	100%

<b>Customers</b>		
	Count	Percentage
Transmission	56	60.87%
Generation	36	39.13%
	92	100%

<b>Rate Design Loads</b>		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	233,844	1,229,778
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	2,806,634	0
	3,077,781	1,425,045



**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2019**

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	6,115,782	Customers/Gen/Tran	1,937,675	4,178,107
Substation & Transmission Lines	19,666,666	Transmission	0	19,666,666
Communication & Control Equipment	1,108,867	SCADA	11,871	1,096,996
System Operation & Load Dispatch	5,560,573	SCADA/Tran	54,062	5,506,511
Subtotal Western O&M	32,451,888		2,003,608	30,448,280
	100%		6.2%	93.8%
Western General Expenses	7,350,134	% of Subtotal	453,803	6,896,331
Bureau of Reclamation O&M	8,853,000	Generation	8,853,000	0
Purchase Power	3,100,000	Gen & Tran	1,000,000	2,100,000
Capitalized Movable Equipment	953,357	% of Subtotal	58,862	894,495
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,281,808)	Transmission	(3,235)	(2,278,573)
Bureau of Reclamation Replacements	1,500,000	Generation	1,500,000	0
Principal/Interest Payments - Reclamation	84,311	Generation	84,311	0
Principal/Interest Payments - Western	30,829,615	Transmission	0	30,829,615
Total Annual Gross Expenses	82,840,497		13,950,349	68,890,148
	100%		16.8%	83.2%
Other Revenues				
Transmission				
Nonfirm/Short-Term Firm (OASIS)	4,300,000	Transmission	0	4,300,000
Losses	4,890,768	Transmission	0	4,890,768
Nonfirm Energy				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
Ancillary Services				
Generation Supported (e.g. VAR Support, Reserves)	210,000	Generation	210,000	0
Transmission Supported (e.g. Scheduling Service)	0	Transmission	0	0
Miscellaneous				
Facilities Use Charges	1,000,000	Transmission	0	1,000,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	0	Generation	0	0
Transfers from Other Western Projects	263,374	Transmission	0	263,374
Total Annual Other Revenues	10,664,142		210,000	10,454,142
	100%		2.0%	98.0%
Expenses Less Other Revenues	72,176,355		13,740,349	58,436,006
Interest Credits	0		0	0
Carryover Application	(12,970,857)		(1,655,967)	(11,314,889)
Total Credits & Carryover	(12,970,857)		(1,655,967)	(11,314,889)
Revenue Requirement	59,205,499		12,084,382	47,121,116

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2019**

**Cost Allocation Factors & Rate Design Loads**

<b>SCADA Points</b>		
	Number	Percentage
Generation	91	1.071%
Transmission	8,409	98.929%
	8,500	100%

<b>Customers</b>		
	Count	Percentage
Transmission	56	60.87%
Generation	36	39.13%
	92	100%

<b>Rate Design Loads</b>		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	233,844	1,229,778
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	2,796,634	0
	3,067,781	1,425,045